

## ABSTRACT OF THE DISCLOSURE

5 A workshop facility designing and operating method of the invention is for  
authoring a virtual workshop that is a data model of a workshop newly organized  
in part or in its entirety. After the organization, simulating means causes the  
virtual workshop to perform a quasi-production activity to verify a production  
state and a physical distribution state. An actual workshop is then constructed  
that matches with the verified virtual workshop. The constructed actual  
workshop is remote monitored and a result of this monitoring is compared with a  
10 result of verification during a virtual workshop verification process. In this way,  
verification of the workshop in its entirety can be performed simply so that  
workshop deployment such as a new set-up of a production line and change in  
process step of the existing line can be carried out efficiently and quickly in a  
short time. Remote monitoring of the constructed workshop can also be  
15 performed properly.